



Severe Weather Briefing

**National Weather Service
Little Rock, Arkansas**

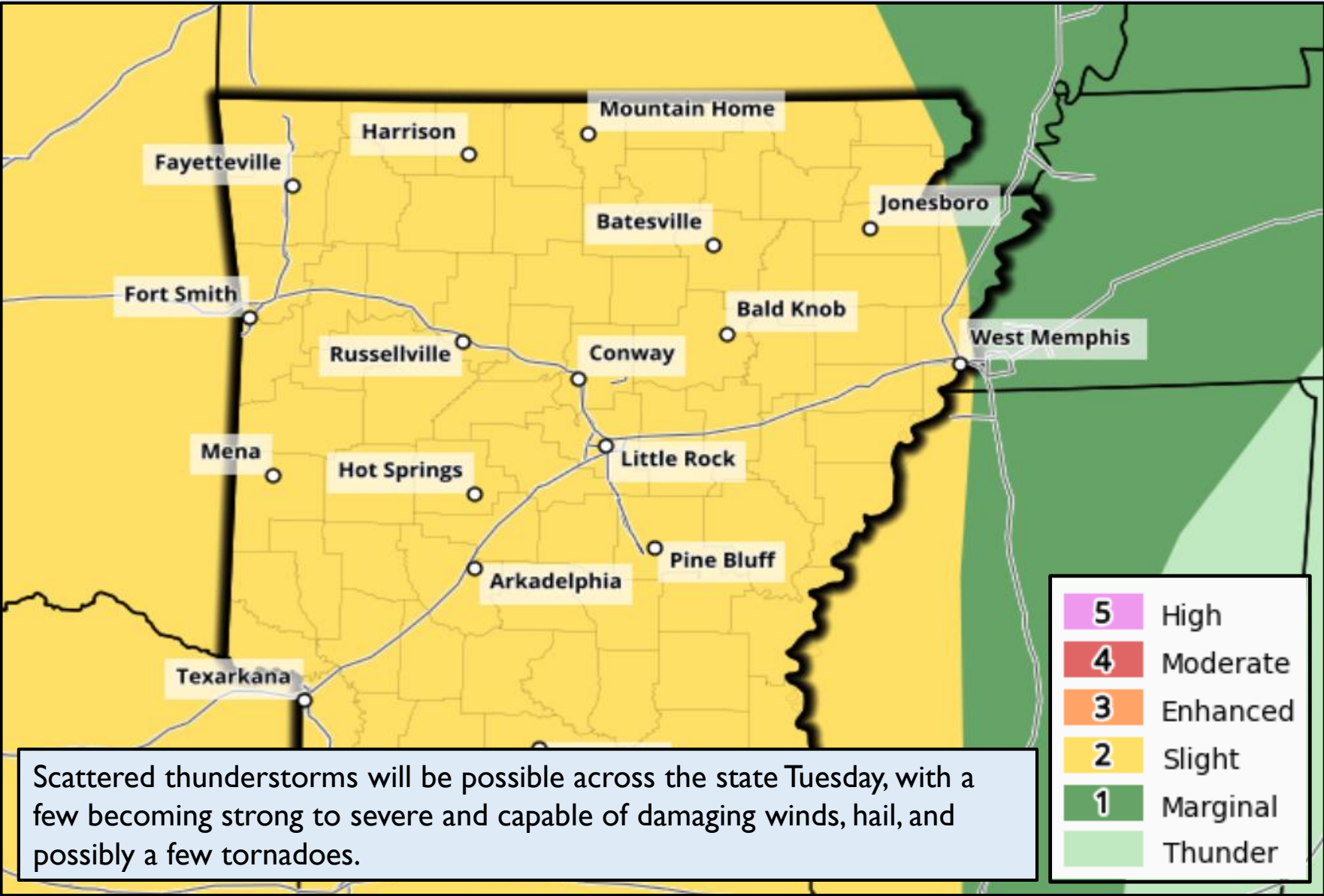
April 12, 2022 1:00 PM



- **Today will be the second day of three in a prolonged severe weather episode with the potential for thunderstorms (including strong to severe storms) to impact the state.**
- [TODAY] Scattered showers/storms are expected to develop across the state Tuesday afternoon, and may become strong to severe at times. Damaging winds and hail will be the primary concern, but a few tornadoes cannot be ruled out.
- [WEDNESDAY] Another bout of severe weather will be possible as a cold front moves through the state on Wednesday. Focus is shifting towards coverage of storms increasing across the southeastern half of the state during the afternoon and evening hours.
 - Forecast ingredients including considerable buoyancy (storm energy) and a dynamic upper level system (wind shear) are expected to setup during a favorable severe weather window (Wednesday afternoon/evening).
- With several rounds of rain and thunderstorms forecast, periodic heavy rainfall is expected to continue across portions of the state and lead to local flooding issues.



Severe Weather Outlook – Tuesday (4/12)



Maximum Hail Size

Up to Softball

Up to Baseball

Up to Golf ball

Up to Quarter

Maximum Wind Speed

80+ mph

60-80 mph

Up to 60 mph

Tornado Potential

High

Medium

Low

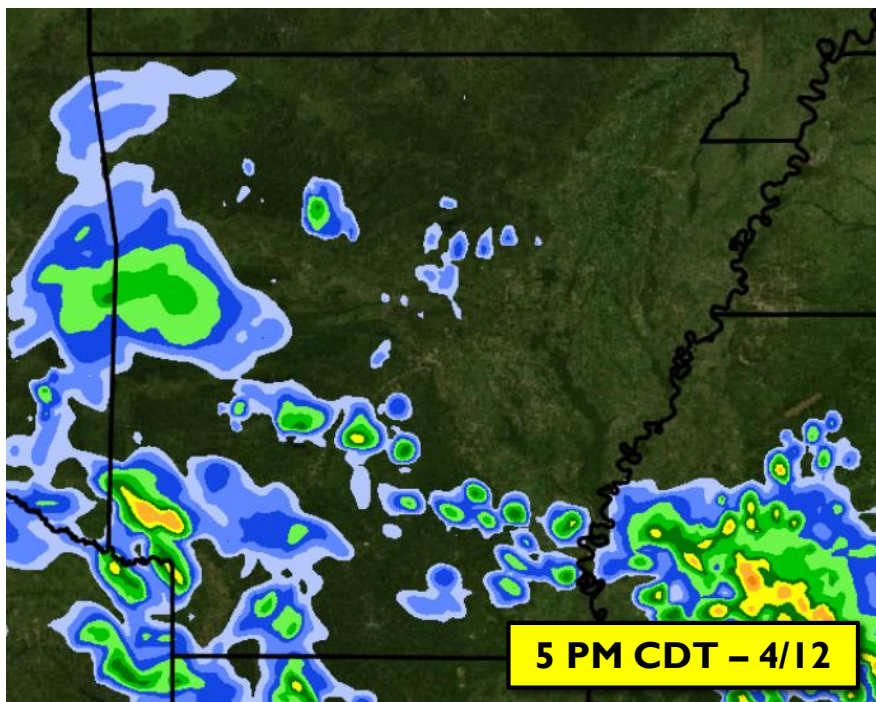
Very Low

- 5 High
- 4 Moderate
- 3 Enhanced
- 2 Slight
- 1 Marginal
- Thunder

Scattered thunderstorms will be possible across the state Tuesday, with a few becoming strong to severe and capable of damaging winds, hail, and possibly a few tornadoes.

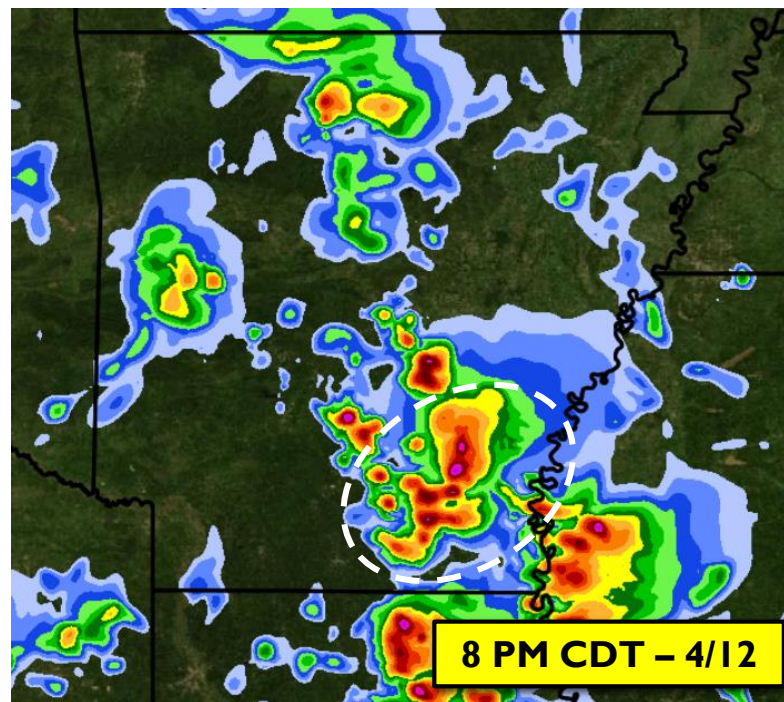
Potential Storm Development and Timing

Weather Forecast Office
Little Rock, AR

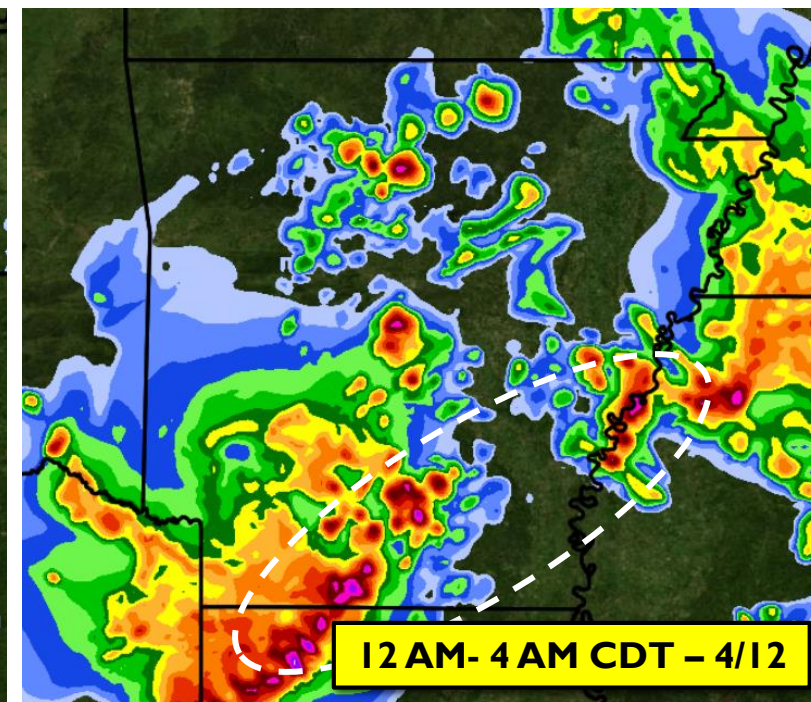


Storms are expected to develop over western and southwestern Arkansas Tuesday afternoon to evening.

A more favorable environment for severe storms is expected over southeast Arkansas.



****Please remember, the forecast model solution shown is a single model run, and is provided as a visualization of potential storm evolution through tonight. This is NOT an official forecast.****

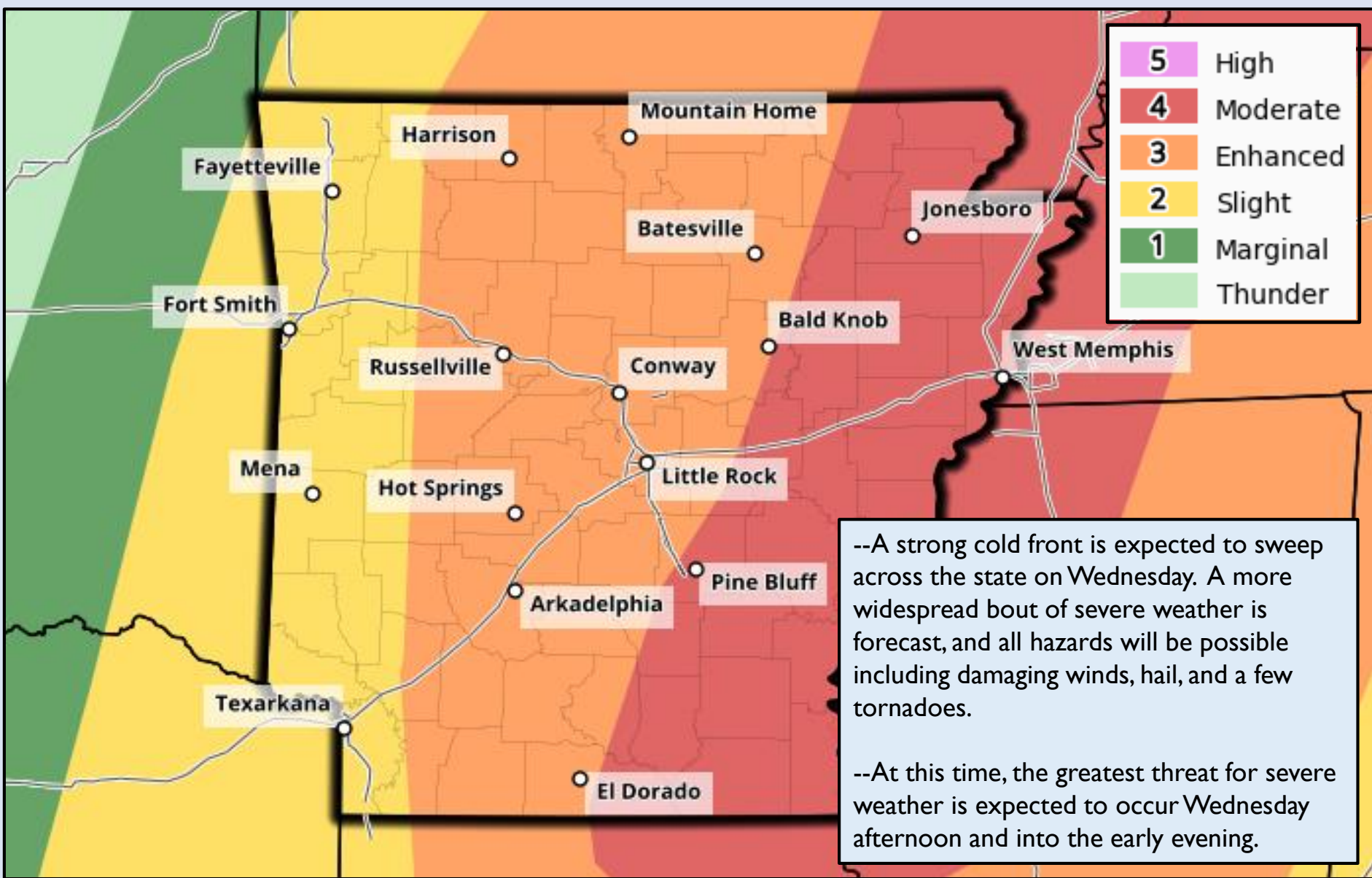


*Images courtesy of WAVE

Tuesday Evening



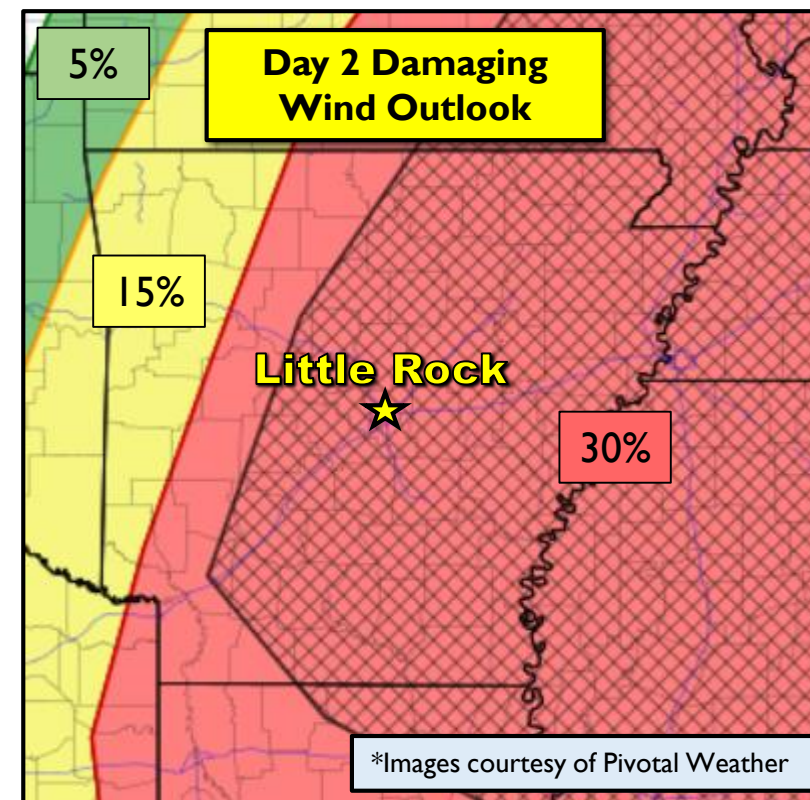
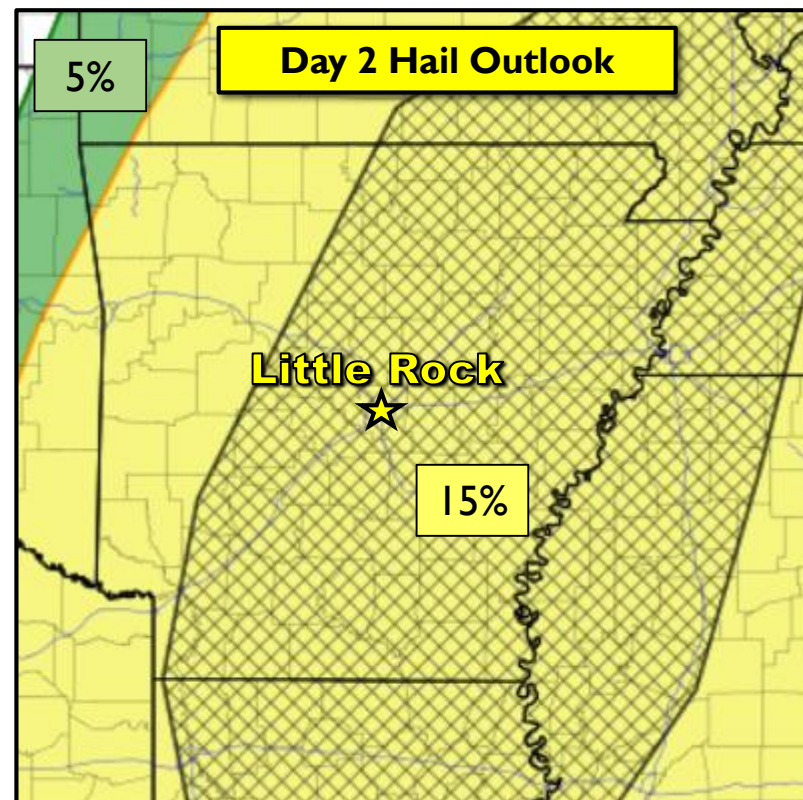
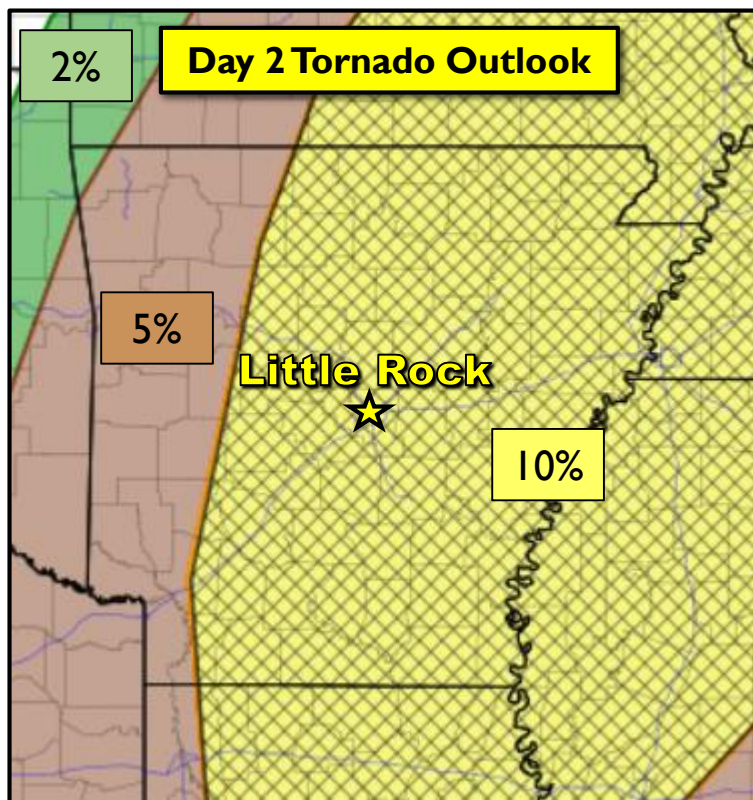
Severe Weather Outlook – Wednesday (4/13)



Maximum Hail Size	
Up to Softball	
Up to Baseball	
Up to Golf ball	
Up to Quarter	
Maximum Wind Speed	
80+ mph	
60-80 mph	
Up to 60 mph	
Tornado Potential	
High	
Medium	
Low	
Very Low	

Wednesday Severe Hazard Probabilistic Outlooks

Weather Forecast Office
Little Rock, AR

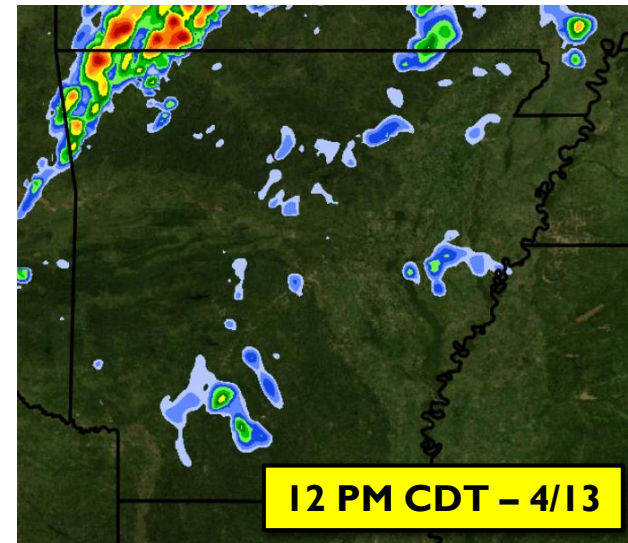
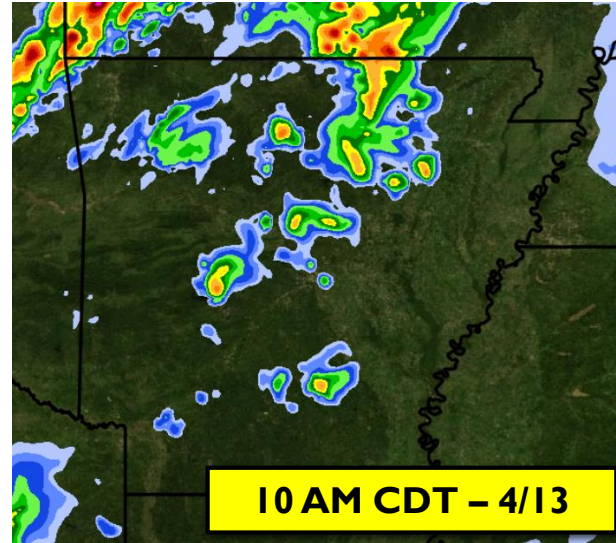
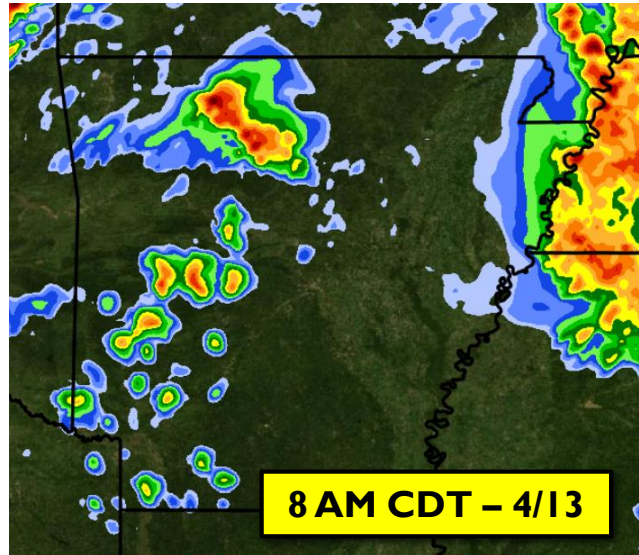


The potential for all severe hazards will be prominent over a good portion of the state on Wednesday afternoon/evening. There will be an elevated risk for significant hail...2+ inch hail...and significant damaging winds...greater than 70 mph...depicted by the hatched areas in the outlook graphics. Additionally, there will be a threat for tornadoes, with the greatest potential over most of eastern Arkansas. The threat for tornadoes could increase if discrete cells develop ahead of the advancing cold front.

The probability values represent the chance of severe weather occurring within 25 miles of any point...generally the size of a major metropolitan area.

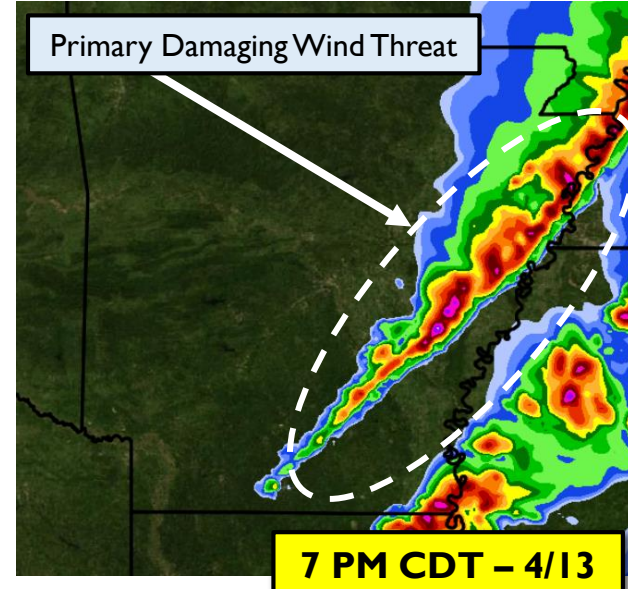
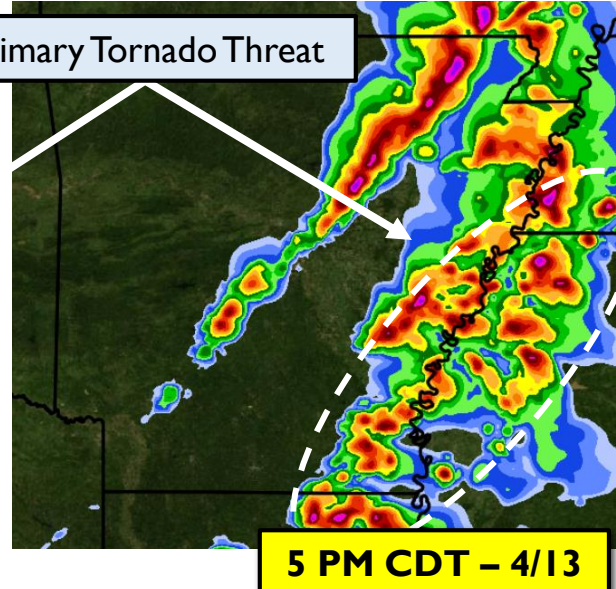
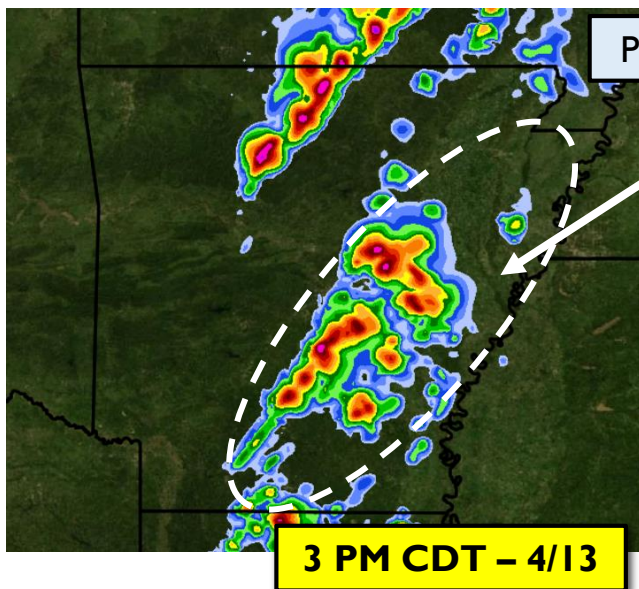
Potential Storm Development and Timing (Weds)

Weather Forecast Office
Little Rock, AR



Storms are expected to develop again over western Arkansas Wednesday morning.

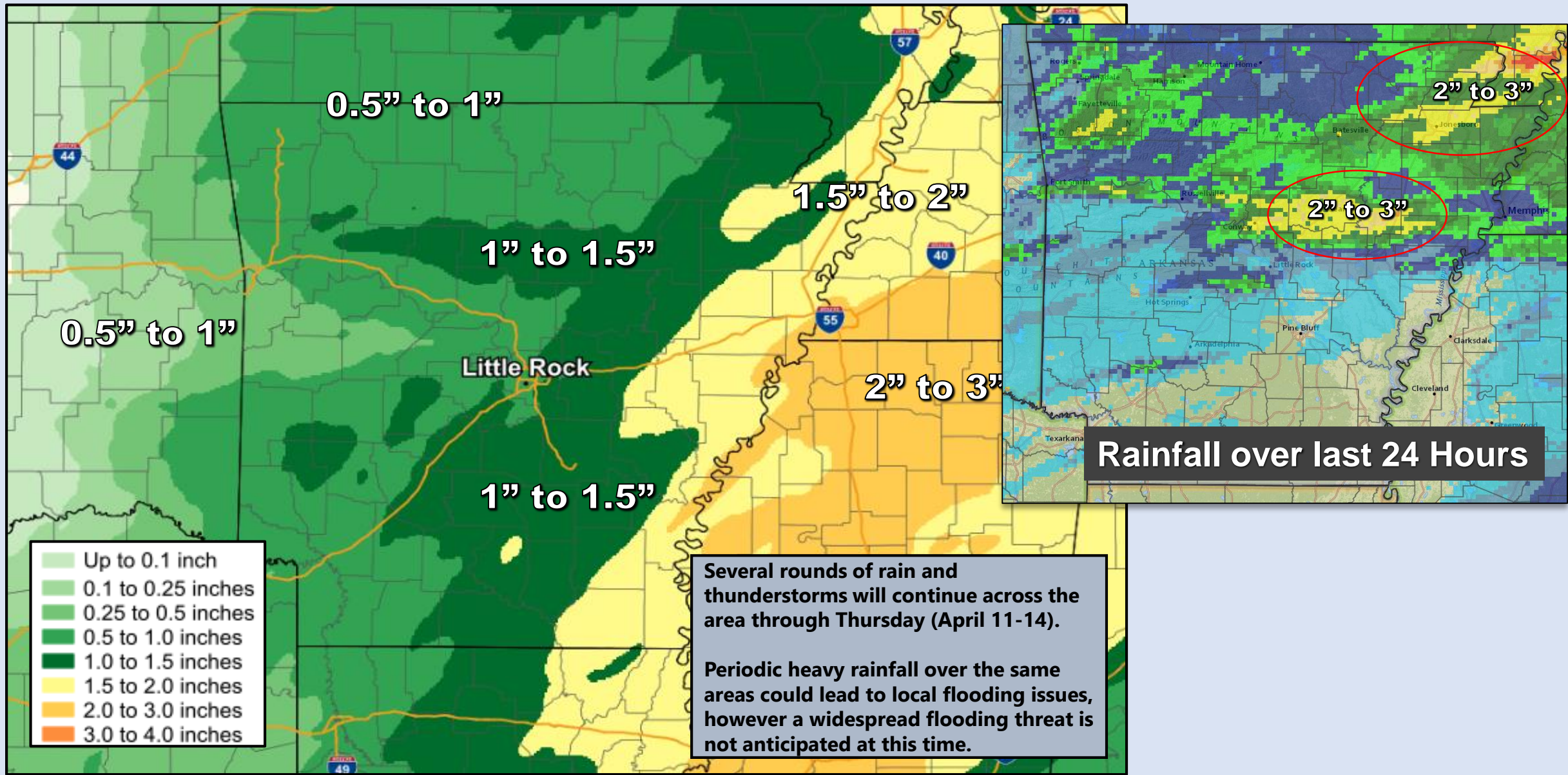
A more favorable environment for severe storms is expected over Eastern Arkansas later in the day.



Please remember, the forecast model solution shown is a single model run, and is provided as a visualization of potential storm evolution through tonight. This is NOT an official forecast.

*Images courtesy of WAVE

Wednesday





For the latest information



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